

To: Ms. Nunu

re-mu



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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/005,220

DATE: 07/29/2002

TIME: 10:29:06

Input Set : N:\Crf3\Refhold\J005220.raw

Output Set: N:\CRF3\07292002\J005220.raw

1 <110> APPLICANT: DeltaGen, Inc.
 2 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING RPTPB
 3 TYROSINE PHOSPHATASE GENE DISRUPTIONS
 4 <130> FILE REFERENCE: 741 PCT
 5 <140> CURRENT APPLICATION NUMBER: US/10/005,220
 6 <141> CURRENT FILING DATE: 2001-11-19
 7 <150> PRIOR APPLICATION NUMBER: US 60/251,897
 8 <151> PRIOR FILING DATE: 2000-12-06
 9 <150> PRIOR APPLICATION NUMBER: US 60/302,260
 10 <151> PRIOR FILING DATE: 2001-06-28
 11 <160> NUMBER OF SEQ ID NOS: 3
 12 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 1752
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Mus musculus
 18 <400> SEQUENCE: 1

19	gtcaaggaag	aggtacctg	tgtccatcaa	ggtgcagtcg	gcgggcatga	ccagtgaggt	60
20	ggttgaagat	agcaccatca	ccatgataga	ccgcccgcct	caaccgcctc	cacacatccg	120
21	tgtgaatgaa	aaggatgtgc	taatcagcaa	atcttccatc	aactttactg	tcaactgcag	180
22	ctgggttcagc	gacaccaacg	gagcggttgg	gtactttgct	gtgggtggtga	gagaggccga	240
23	cagcatggat	gagttgaagc	cagaacagca	gcacctctc	ccttccctacc	tggagtacag	300
24	acacaacgcc	tccatccgag	tctaccagac	caattatttt	gccagcaaat	gtgctgaaag	360
25	tcccgacagc	agttctaaaa	gtttcaacat	taagcttgga	gcagagatgg	acagcctcgg	420
26	tggcaaatgt	gatcccagtc	agcagaaatt	ctgtgatgga	ccgctgttgc	cacacaccgc	480
27	ctacagaatc	agcatccggg	cttttacaca	gctatttgac	gaggacttga	aagagttcac	540
28	caaacctctc	tactcggata	cgttcttctc	tatgcccatc	accacagagt	cagagccctt	600
29	gtttgaggtt	attgaaggtg	tgagtgtctg	cctgtttcta	attggcatgc	tgggtggcct	660
30	tggtgccttc	ttcatctgca	gacagaaagc	tagccacagc	agggaaaggc	catctgcccg	720
31	gotcagcatt	cgtagggacc	ggcctttgtc	tgtccatctg	aatctggggc	agaaaggcaa	780
32	ccggaaaact	tcttgcccca	taaagatcaa	tcagtttgaa	gggcatttca	tgaagctgca	840
33	ggcagactcc	aactaccttc	tatccaagga	atatgaggac	ttaaaagacg	tgggtagaag	900
34	ccagtcattg	gacattgccc	tcttgccctga	gaatcgaggg	aaaaatcgat	acaacaacat	960
35	attgccttat	gatgcctcaa	gagtgaagct	ctogaatgtc	gatgacgacc	cttgctctga	1020
36	ctacatcaac	gccagctaca	tccccggtaa	caacttcaga	cgagaataca	tgcactca	1080
37	gggaccgctt	ccaggcacca	aggatgactt	ctggaagatg	gcgtgggagc	agaacgttca	1140
38	caacatcgtc	atggtgaccc	agtgtgttga	aaagggccga	gtgaagtgtg	accattactg	1200
39	gccagcagac	caggaccccc	tctactacgg	tgatctcatc	ctacagatgg	tctcggagtc	1260
40	cgtgctcccc	gagtggacca	tcagggagtt	taagatatgc	agtgaagaac	agttggatgc	1320
41	acacagactc	atccgtcaact	ttcactacac	ggtgtggcca	gaccatgggg	tcccagagac	1380
42	cacccagtc	ctgatccaat	ttgtgaggac	agtcagggac	tacatcaaca	gaagccccgg	1440
43	ggctggggccc	tccgtagtgc	actgcagcgc	tggtgtgggc	agaacagggg	cgttcggtgc	1500
44	cctggaccgg	atcctccagc	agttggactc	taaggactcc	gtggacattt	atggggcagt	1560

ENTERED

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Input Set : N:\Crf3\Refhold\J005220.raw
 Output Set: N:\CRF3\07292002\J005220.raw

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45      gcatgaccta agactccaca gggttcacat ggtccagacc gagtgtcaat atgtgtatct 1620
46      gcatcagtgt gtaagagacg tctcagagca aagaaactgc ggaaacgagc aagagaaaagg 1680
47      ggggtgtttcg atttatgaga atgtgaatca gagtatcaca gagatgcaat ctactcgaga 1740
48      cattaagaat tc 1752
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 200
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Targeting Vector
56 <400> SEQUENCE: 2
57      gccgccccca gaactccacg gccattgcct gctcttggat acctcctgac tccgactttg 60
58      atggctacag cattgagtgc cgaaaaatgg atacccaaga aatcgagttt tccagaaaagc 120
59      tggagaaaaga aaaatcactg ctcaacatca tgatgttagt acctcataag aggtacctgg 180
60      tgtccatcaa ggtgcagtcg 200
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 200
64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Targeting Vector
68 <400> SEQUENCE: 3
69      ggatgagttg aagccagaac agcagcaccc tctcccttcc tacctggagt acagacacaa 60
70      cgctccatc cgagtctacc agaccaatta ttttgccagc aaatgtgctg aaagtcccga 120
71      cagcagttct aaaagtttca acattaagct tggagcagag atggacagcc tcggtggcaa 180
72      atgtgatccc agtcagcaga 200

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/005,220

DATE: 07/29/2002

TIME: 10:29:08

Input Set : N:\Crf3\Refhold\J005220.raw
Output Set: N:\CRF3\07292002\J005220.raw